

November 9, 1921

LIST OF COMMUNICATIONS OF THE GAGE SECTION

Any of the following communications will be forwarded, without charge, to interested parties upon request. As the supply is limited only those which are of particular interest should be requested.

Letter  
Circular

Title

- LC 11 Symbols for screw thread notation and formulas  
(Former number B461)

Gives a standard system of symbols, which may be found on the typewriter, for representing the various elements of a screw thread in computations and on drawings.

- LC 12 Procedure of tests and explanation of reports of limit gages by Bureau of Standards  
(Former number B466)

Relates nature of tests, methods of identification of gages, requirements for certification and sealing, and specifies information to be supplied with gages submitted for test.

- LC 13 Shop inspection of taper thread gages  
(Former number B507)

Presents methods for measuring taper thread gages by means of such equipment as is ordinarily available in the gage manufacturing shop.

- LC 14 Construction and operation of projection apparatus for measuring screw thread gages and profiles  
(Former number B510)

Includes list of parts which may be purchased in the open market, detailed and assembly drawings, and notes pertaining to the construction and use of the lantern. This communication should be requested only when it is the intention to construct the apparatus, as otherwise the information included is of little use. The supply is very limited.

NOTES: 1. NO BROTHS 2. 1311

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25 Sept 1961

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(70-4-2000-1000)

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Letter  
Circular

## Title

- LC 15 Interchangeability of U.S. standard and British standard Whitworth threads by diameter modification (Former number B512)

Tabulates amounts by which it is necessary to change pitch and major diameters to secure interchangeability.

- LC 16 Services available at the Bureau of Standards gage laboratory (Former number B513)

Information regarding organization and character of work, facilities and services available, gage testing fees, etc.

- LC 17 Drawings and explanation of drawings used in manufacture of pitch testing device (Former number B514)

Includes list of parts which may be purchased in the open market, detailed and assembly drawings, and notes pertaining to the construction and use of the pitch testing device. This communication should be requested only when it is the intention to construct the apparatus, as otherwise the information included is of little use. The supply is very limited.

- LC 18 Important European screw thread systems (Former number B516)

A collection of data appertaining to the five British, the International, French standard, and Lowenherz screw thread systems.

- LC 19 Thread form and clearance of thread gages (Former number B517)

A consideration of the conditions necessary for clearance and the utility of the projection lantern in its determination, and a presentation of an improved design of thread form for "Not Go" thread gages.

- LC 20 The measurement of radii on profiles (Former number B519)

Presentation of methods used for determining the radii and positions of centers of curvature of arcs on profile gages.



Letter  
Circular

Title

- LC 21    The micrometer microscope and its uses in gage inspection  
(Former number B531)

Includes a description of the micrometer microscope and of correct methods of manipulation in its use, and the enumeration of its applications on measuring machines and in gage inspection.

- LC 22    The measurement of taper gages  
(Former number B522)

Presents methods of measuring simple and complex taper gages and formulas used in computing dimensions of tapers.

- LC 23    Screw thread measuring formulas and measurement of pitch diameter  
(Former number B523)

A resume' of the methods used for the measurement of pitch diameter of threads and a complete discussion of the "three-wire" method, including formulas, tables of wire sizes, and diagrams.

BUREAU OF STANDARDS.



1920

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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10. The following information is being furnished to you for your information only. It is not to be used for any other purpose.

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Letter  
Circular

7111

10 11 12 as for series of letters and formulas (see number 8411)

Give a standard system of symbols which may be found in the literature for representing the various elements of a system and its components and on drawings.

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 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- Information regarding organization and character of work, facilities and services available, gage testing fees, etc.
- LC 17 Drawings and explanation of drawings used in manufacture of pitch testing device (Former number B514)
- Includes list of parts which may be purchased in the open market, detailed and assembly drawings, and notes pertaining to the construction and use of the pitch testing device. This communication should be requested only when it is the intention to construct the apparatus, as otherwise the information included is of little use. The supply is very limited.
- LC 18 Important European screw thread systems (Former number B516.)  
*Out of print. Revised and being stencilled.*
- A collection of data appertaining to the five British, the International, French standard, and Lowenherz screw thread systems.
- LC 19 Thread form and clearance of thread gages (Former number B517)
- A consideration of the conditions necessary for clearance and the utility of the projection lantern in its determination, and a presentation of an improved design of thread form for "Not Go" thread gages.
- LC 20 The measurement of radii on profiles (Former number B519)
- Presentation of methods used for determining the radii and positions of centers of curvature of arcs on profile gages.

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- LC 21    The micrometer microscope and its uses in gage inspection  
(Former number B531)

Includes a description of the micrometer microscope and of correct methods of manipulation in its use, and the enumeration of its applications on measuring machines and in gage inspection.

- LC 22    The measurement of taper gages  
(Former number B522)

Presents methods of measuring simple and complex taper gages and formulas used in computing dimensions of tapers.

- LC 23    *Measurement of Pitch diameter of screw thread gages*  
~~Screw thread measuring formulas and measurement of pitch diameter~~  
(Former number B523)

A resume' of the methods used for the measurement of pitch diameter of threads and a complete discussion of the "three-wire" method, including formulas, tables of wire sizes, and diagrams.

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